

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
 Data File : BF137037.D
 Acq On : 11 Jan 2024 14:15
 Operator : CG\JU
 Sample : PB158373BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158373BL

Quant Time: Jan 11 14:41:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

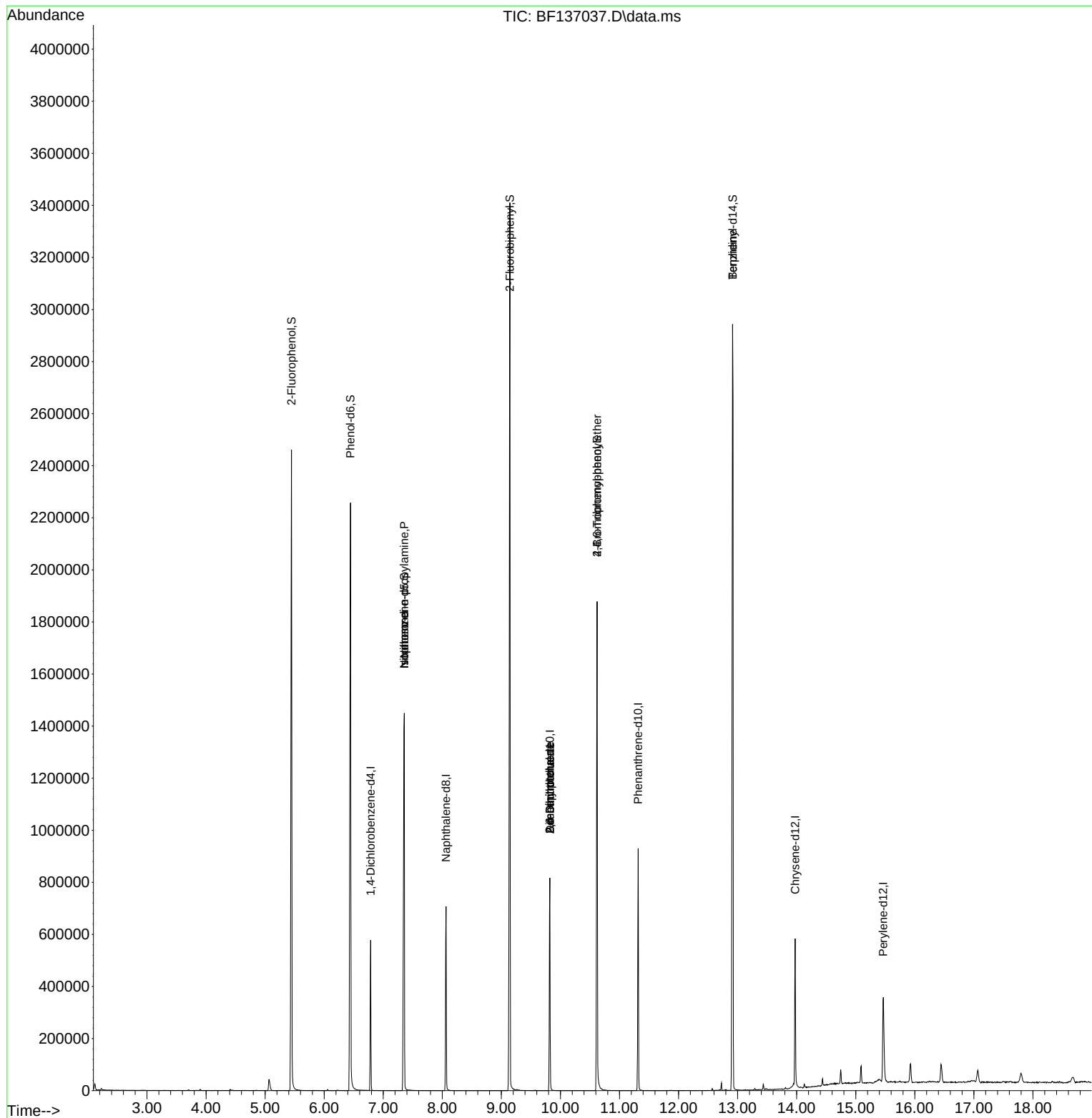
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	84199	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	322011	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	167581	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	336508	20.000	ng	0.00
76) Chrysene-d12	13.974	240	194612	20.000	ng	0.00
86) Perylene-d12	15.462	264	164044	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	757959	140.457	ng	0.02
7) Phenol-d6	6.445	99	941928	134.707	ng	0.00
23) Nitrobenzene-d5	7.357	82	598771	95.151	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	270252	136.931	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1170697	93.959	ng	0.00
79) Terphenyl-d14	12.915	244	1305956	93.778	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	78126	18.431	ng	# 72
25) Isophorone	7.357	82	595014	51.964	ng	# 65
50) Dimethylphthalate	9.822	163	33830	2.764	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	21091	7.592	ng	# 30
57) 2,4-Dinitrotoluene	9.822	165	21091	5.848	ng	# 21
67) 4-Bromophenyl-phenylether	10.622	248	15412	4.124	ng	# 1
77) Benzidine	12.915	184	15107	2.633	ng	# 83

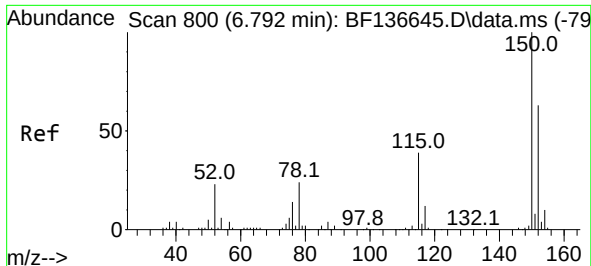
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
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ALS Vial : 5 Sample Multiplier: 1

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BNA_F
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Quant Time: Jan 11 14:41:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

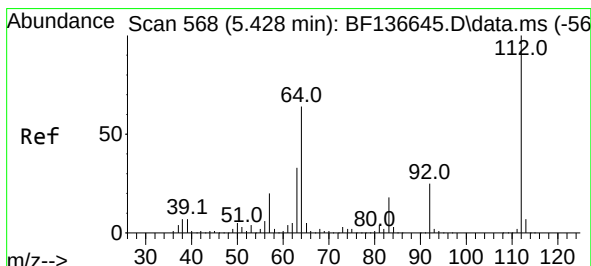
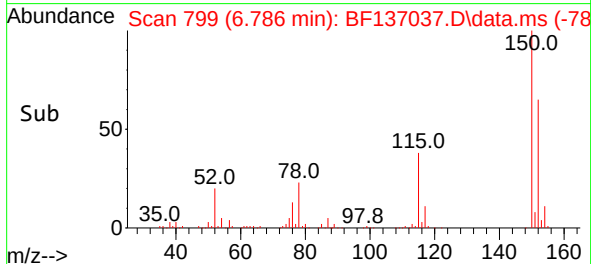
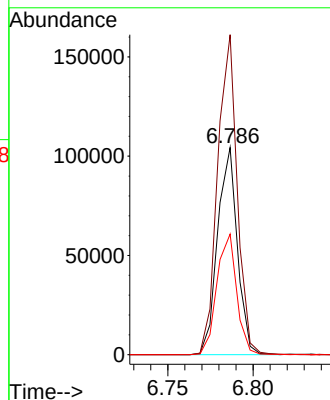
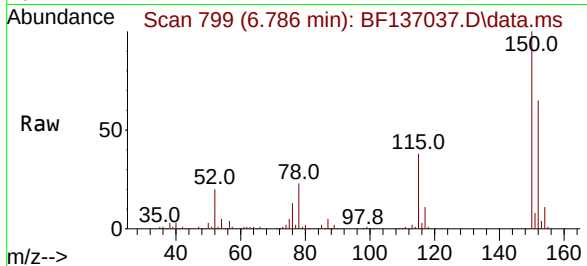




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

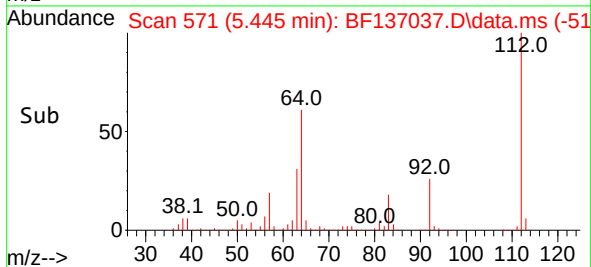
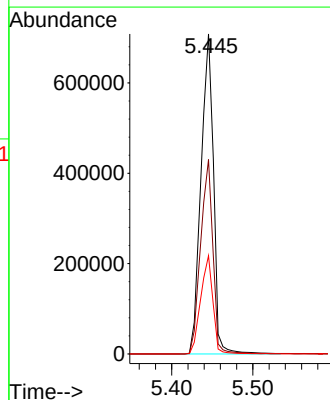
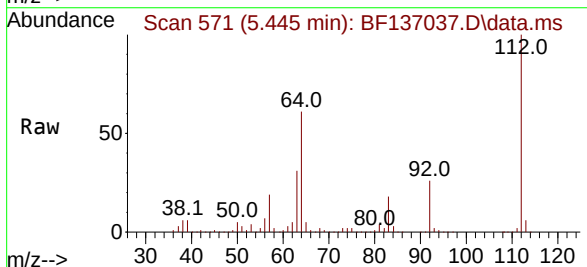
Instrument :
BNA_F
ClientSampleId :
PB158373BL

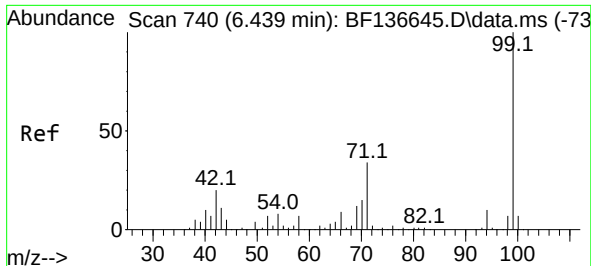
Tgt Ion:152 Resp: 84199
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 58.2 49.0 73.4



#5
2-Fluorophenol
Concen: 140.457 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

Tgt Ion:112 Resp: 757959
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 30.7 26.1 39.1





#7

Phenol-d6

Concen: 134.707 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137037.D

Acq: 11 Jan 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB158373BL

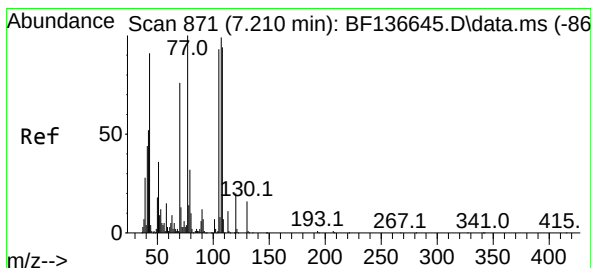
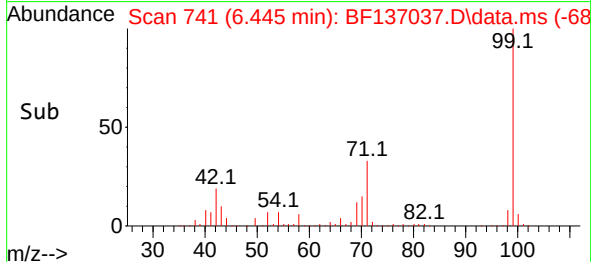
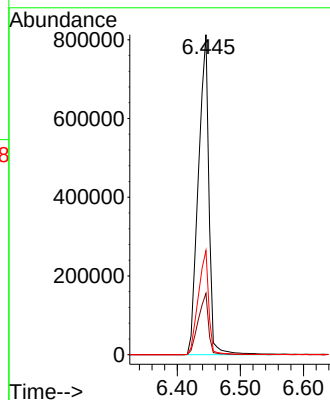
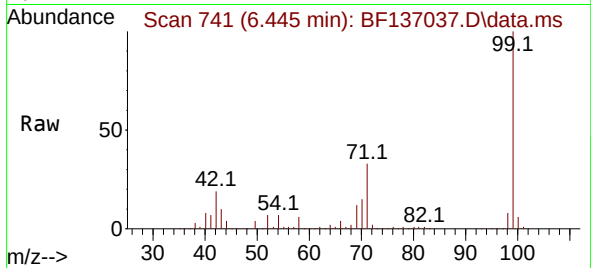
Tgt Ion: 99 Resp: 941928

Ion Ratio Lower Upper

99 100

42 19.1 16.1 24.1

71 32.6 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 18.431 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.147 min

Lab File: BF137037.D

Acq: 11 Jan 2024 14:15

Tgt Ion: 70 Resp: 78126

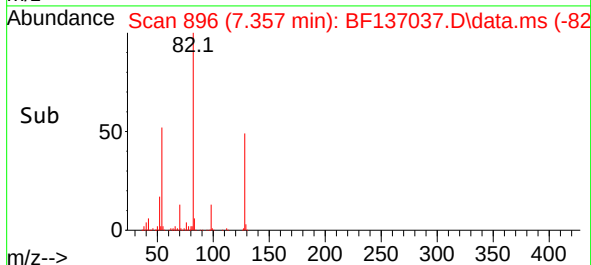
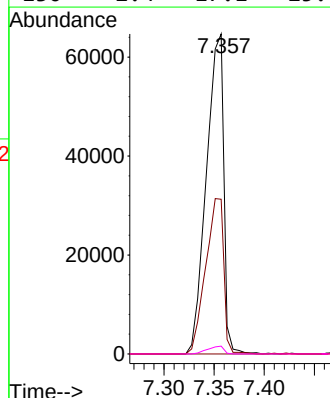
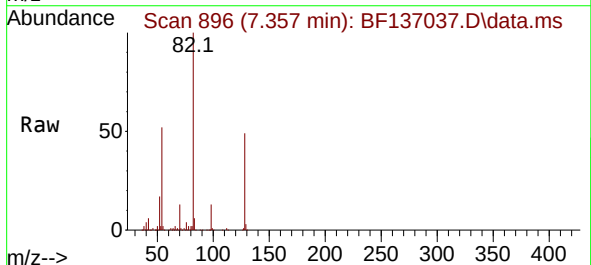
Ion Ratio Lower Upper

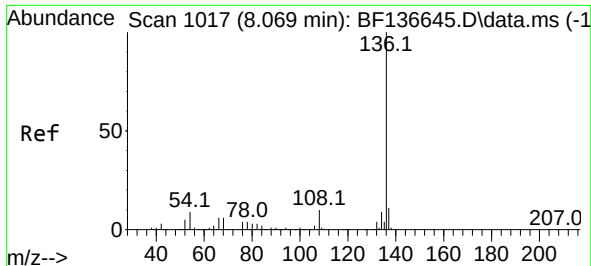
70 100

42 48.3 54.2 81.4#

101 0.0 7.6 11.4#

130 2.4 17.1 25.7#

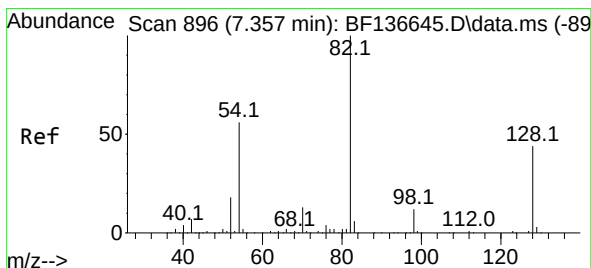
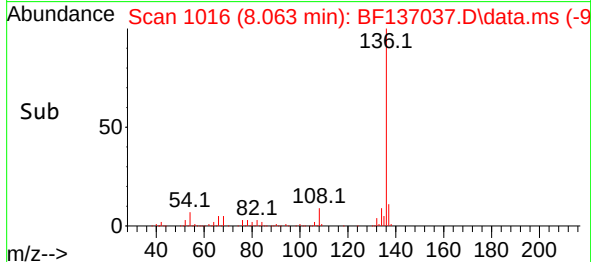
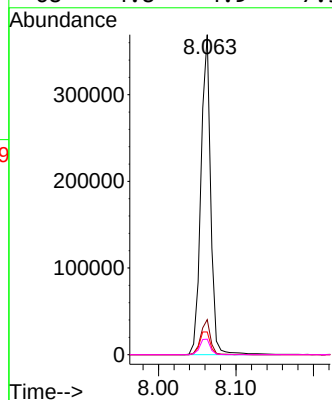
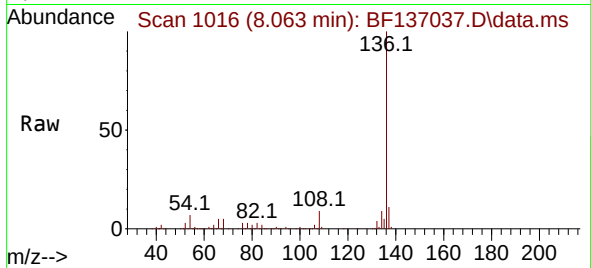




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

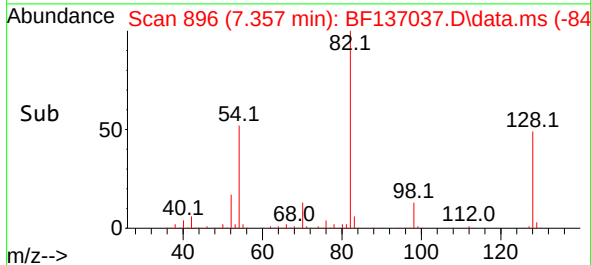
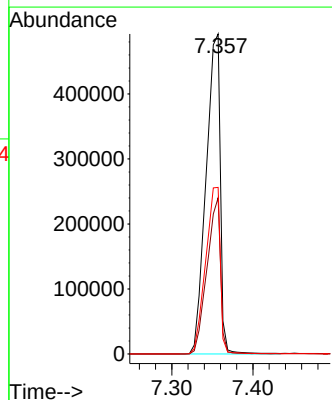
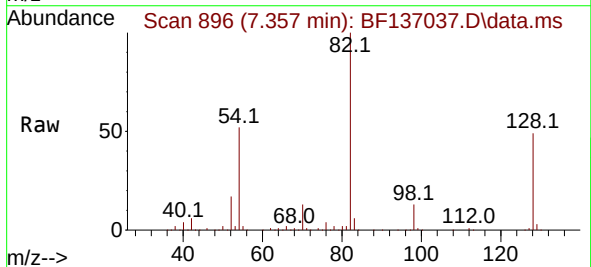
Instrument :
BNA_F
ClientSampleId :
PB158373BL

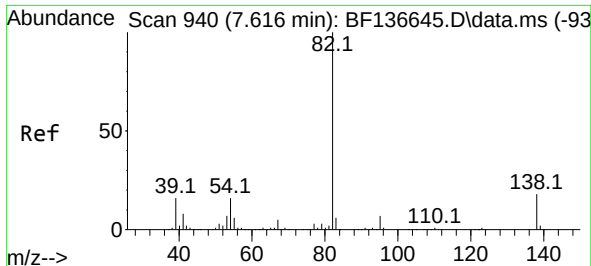
Tgt Ion:136 Resp: 322011
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.1 7.2 10.8#
68 4.8 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 95.151 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

Tgt Ion: 82 Resp: 598771
Ion Ratio Lower Upper
82 100
128 48.8 35.3 52.9
54 52.1 44.5 66.7

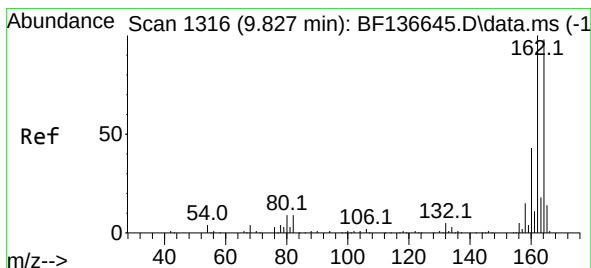
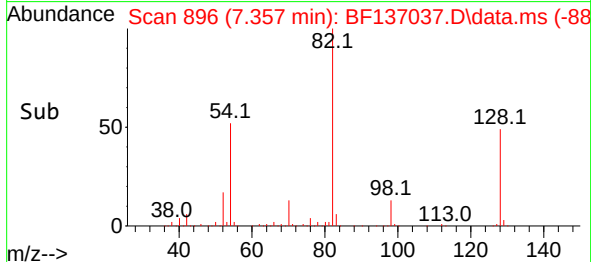
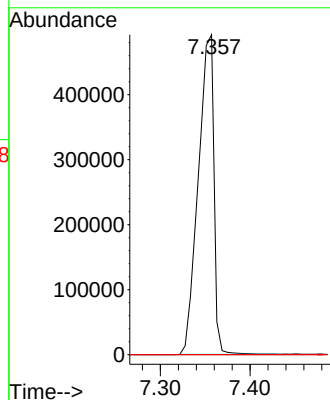
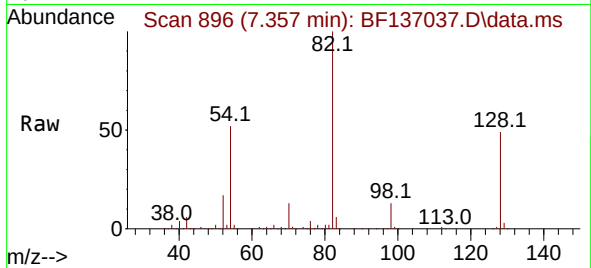




#25
Isophorone
Concen: 51.964 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.259 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

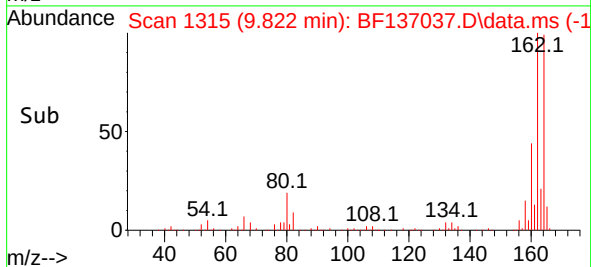
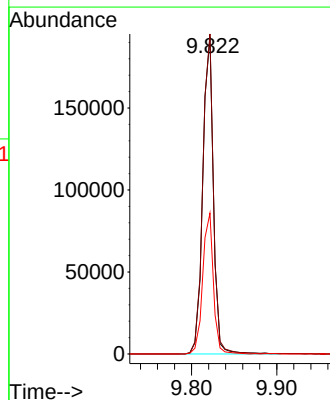
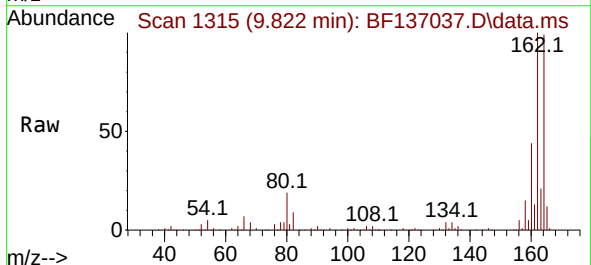
Instrument :
BNA_F
ClientSampleId :
PB158373BL

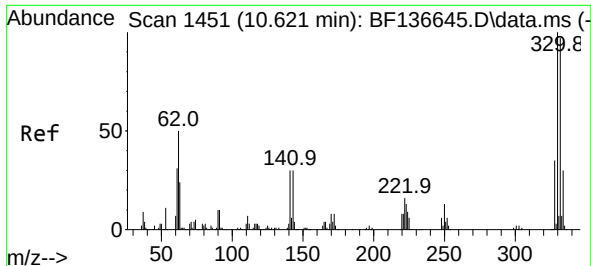
Tgt Ion: 82 Resp: 595014
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

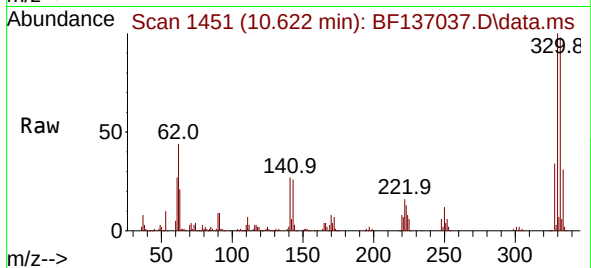
Tgt Ion:164 Resp: 167581
Ion Ratio Lower Upper
164 100
162 100.9 81.6 122.4
160 44.4 34.9 52.3



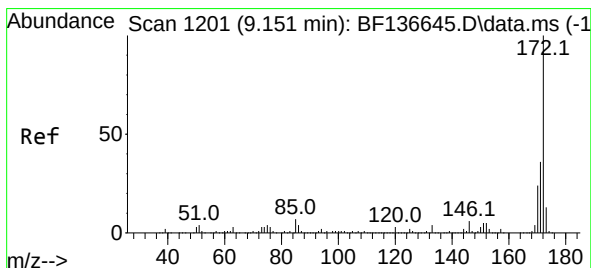
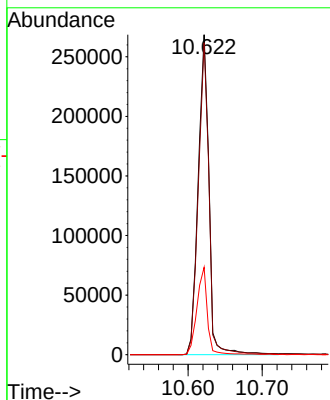
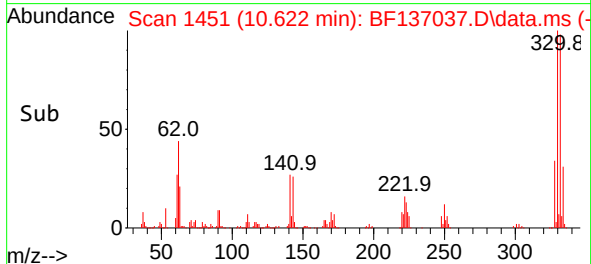


#42
2,4,6-Tribromophenol
Concen: 136.931 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

Instrument :
BNA_F
ClientSampleId :
PB158373BL

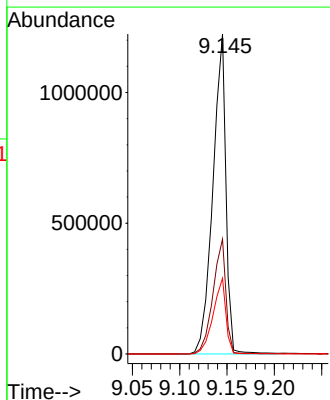
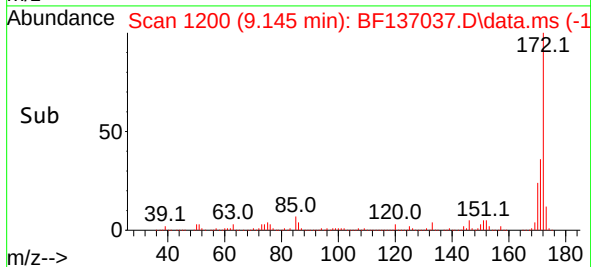
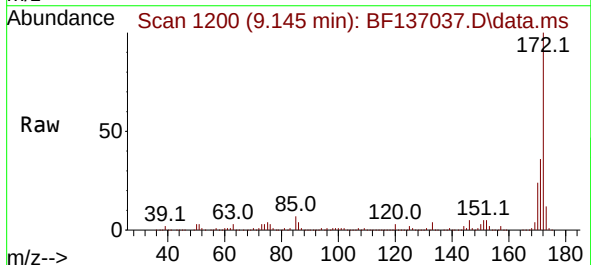


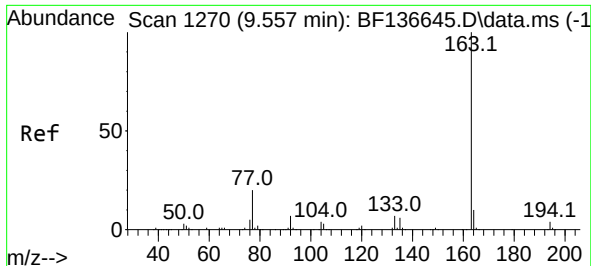
Tgt Ion:330 Resp: 270252
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 26.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 93.959 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

Tgt Ion:172 Resp: 1170697
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.6 19.0 28.4

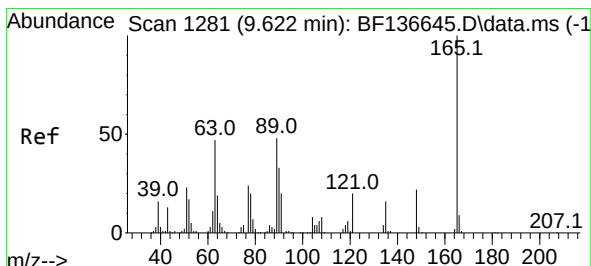
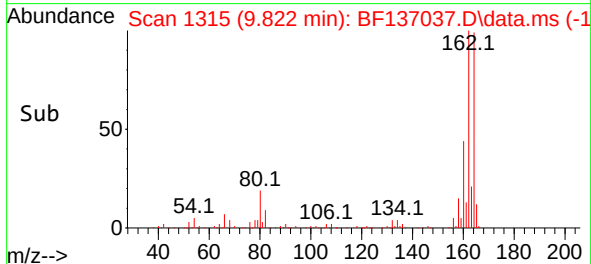
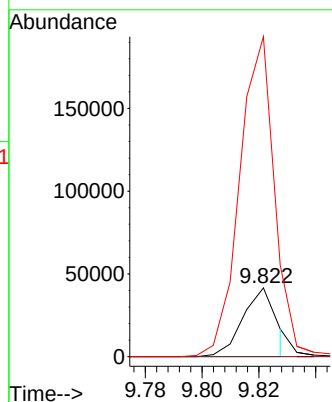
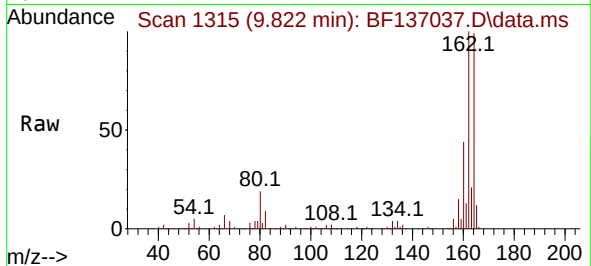




#50
Dimethylphthalate
Concen: 2.764 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

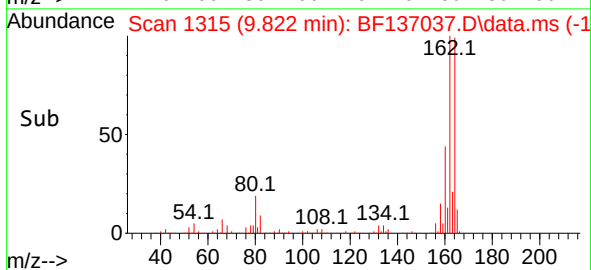
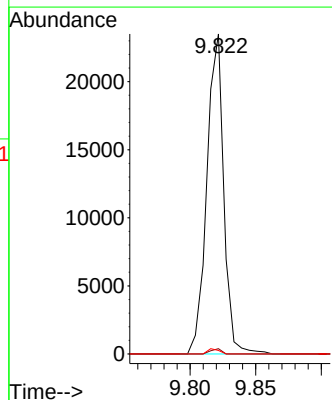
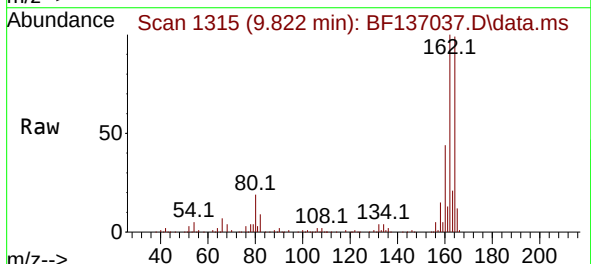
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ClientSampleId :
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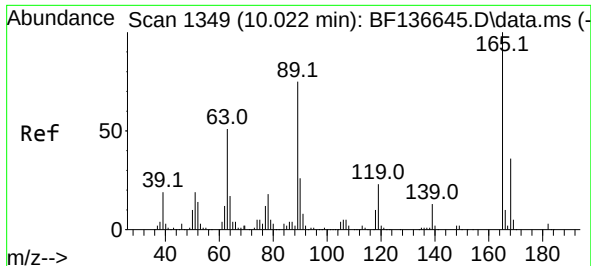
Tgt Ion:163 Resp: 33830
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 464.7 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.592 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

Tgt Ion:165 Resp: 21091
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.1 38.8 58.2#

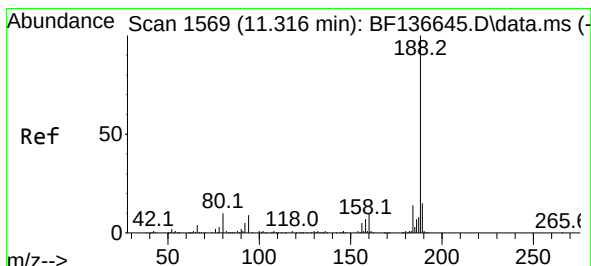
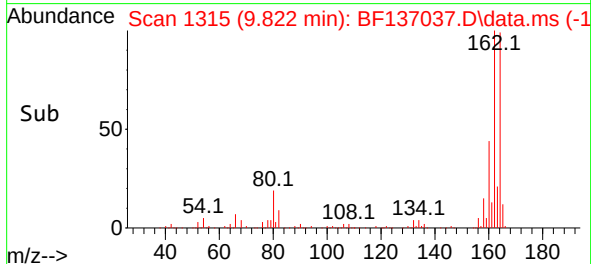
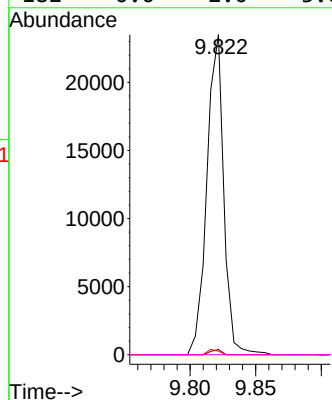
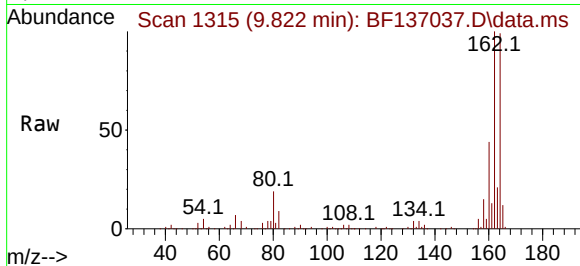




#57
2,4-Dinitrotoluene
Concen: 5.848 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

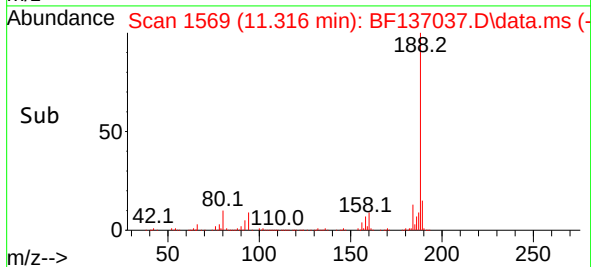
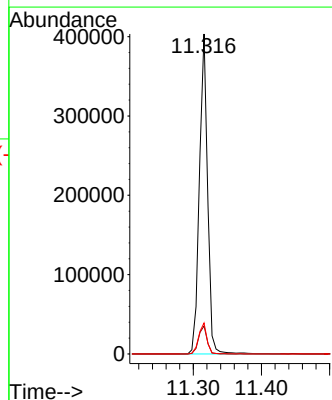
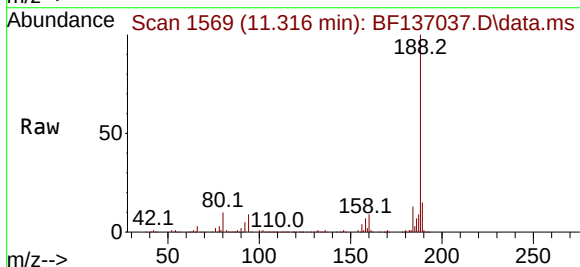
Instrument :
BNA_F
ClientSampleId :
PB158373BL

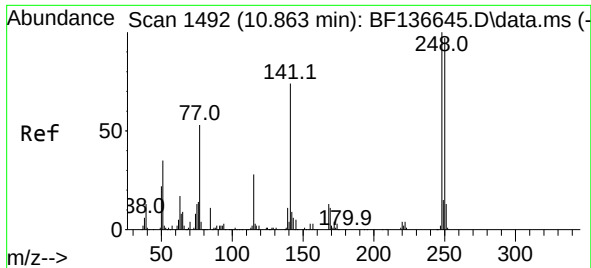
Tgt Ion:165 Resp: 21091
Ion Ratio Lower Upper
165 100
63 1.7 41.0 61.6#
89 1.1 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

Tgt Ion:188 Resp: 336508
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.7 8.1 12.1

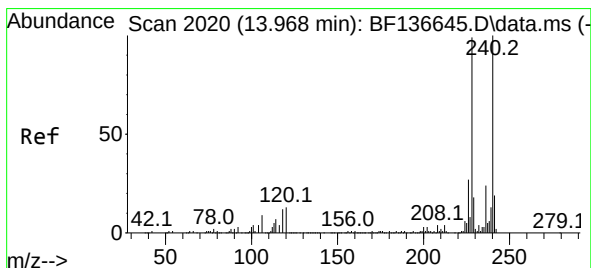
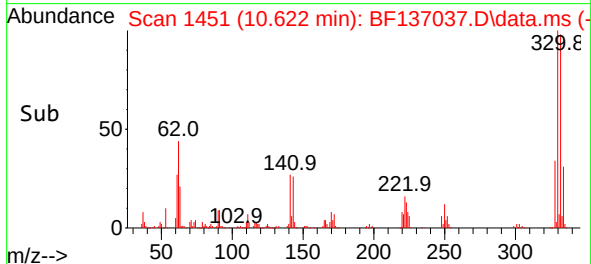
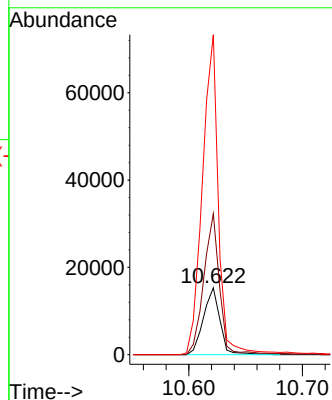
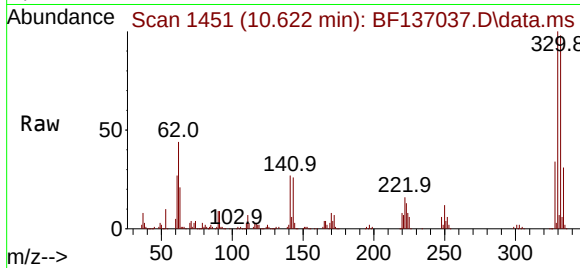




#67
4-Bromophenyl-phenylether
Concen: 4.124 ng
RT: 10.622 min Scan# 1492
Delta R.T. -0.241 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

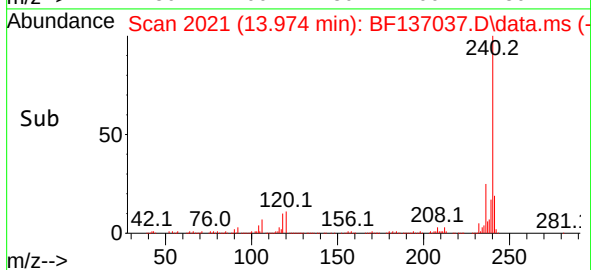
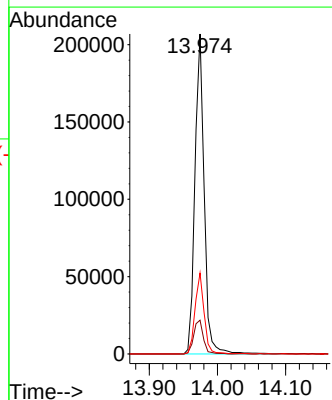
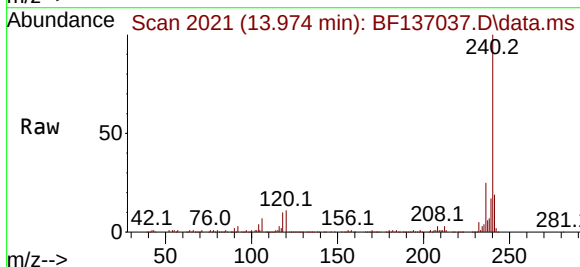
Instrument :
BNA_F
ClientSampleId :
PB158373BL

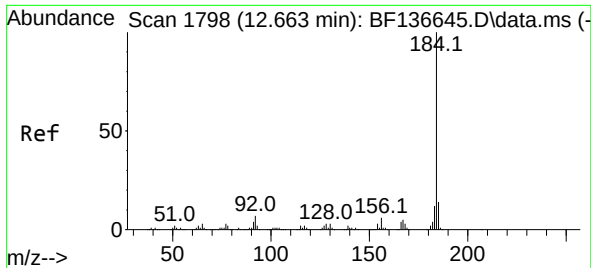
Tgt Ion:248 Resp: 15412
Ion Ratio Lower Upper
248 100
250 210.8 77.8 116.6#
141 478.6 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

Tgt Ion:240 Resp: 194612
Ion Ratio Lower Upper
240 100
120 10.6 10.3 15.5
236 25.3 19.4 29.2

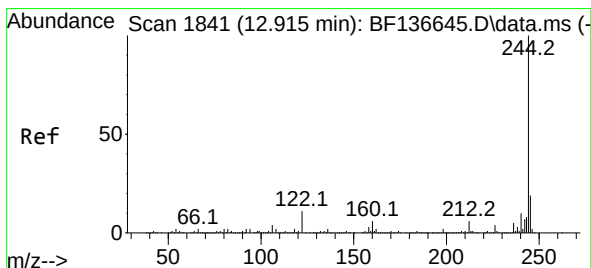
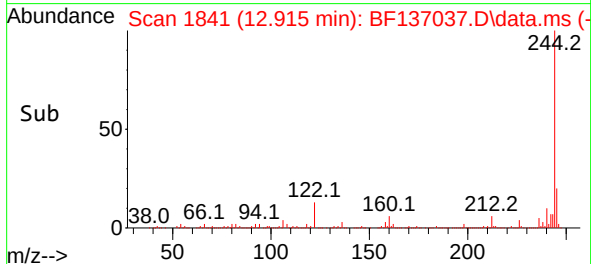
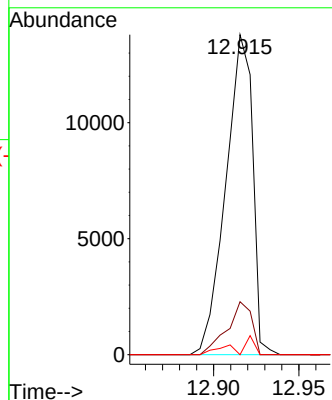
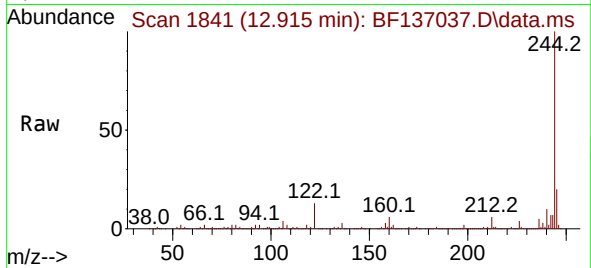




#77
Benzidine
Concen: 2.633 ng
RT: 12.915 min Scan# 1841
Delta R.T. 0.253 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

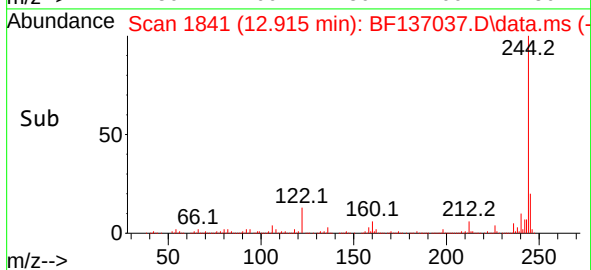
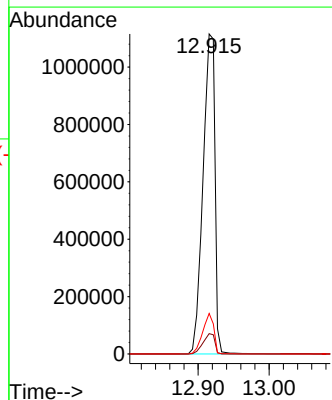
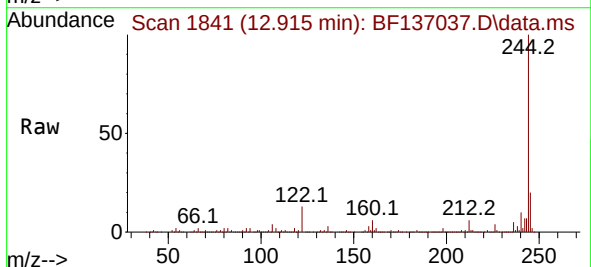
Instrument :
BNA_F
ClientSampleId :
PB158373BL

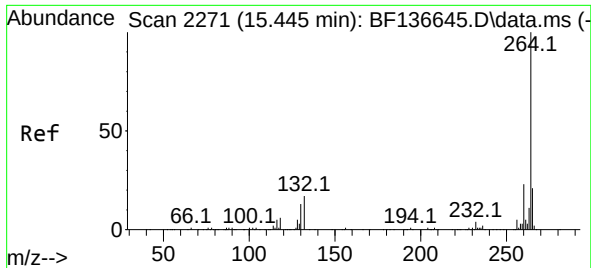
Tgt Ion:184 Resp: 15107
Ion Ratio Lower Upper
184 100
185 16.6 11.2 16.8
183 0.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 93.778 ng
RT: 12.915 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

Tgt Ion:244 Resp: 1305956
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 12.7 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF137037.D
 Acq: 11 Jan 2024 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB158373BL

Tgt Ion:264 Resp: 164044
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 21.7 17.0 25.6

